

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A hard disk drive comprising:
recognizing means used for recognizing that an optimization/inspection process to be performed on the hard disk device has not yet been completed;
growth-program receiving means, based on the recognition of the recognizing means, for receiving from a parent hard disk drive connected to the hard disk drive a growth program necessary for performing the optimization/inspection process on the hard disk drive itself; and
execution means, based on the growth program received by the growth-program receiving means, for executing the optimization/inspection process on the hard disk drive itself.
- 2.. (Original) A hard disk drive according to claim 1, further comprising
command transmitting means, based on the recognition of the recognizing means, for transmitting a command requesting the growth program to the parent hard disk drive.
3. (Original) A hard disk drive according to claim 1, further comprising
storing means for storing in a memory the growth program executed by the execution means;
wherein, if the hard disk drive is thereafter connected to another hard disk drive in which the optimization/inspection process has not yet been completed, the growth program stored in the storing means is supplied to the another hard disk drive.
4. (Currently Amended) A hard disk drive according to claim 1, wherein:
circuitry on the parent hard disk drive ~~takes charge of~~ controls a predetermined part of the optimization/inspection process to be executed by the execution means.

5. (Currently Amended) A hard disk drive comprising:
a ROM ~~for storing~~ that stores a basic program that receives a growth program for performing self-optimization; and
a MPU for receiving the growth program according to the basic program stored in the ROM, and performing the self-optimization by the received growth program.

6. (Original) A hard disk drive according to claim 5, wherein:
the basic program stored in the ROM includes a function of recognizing that the hard disk drive is in a state in which the self-optimization has not yet been performed; and
the MPU recognizes its own state according to the basic program.

7. (Original) A hard disk drive according to claim 5, wherein:
the basic program stored in the ROM includes a function of transmitting a command requesting the growth program to a parent hard disk drive to be connected.

8. (Original) A hard disk drive according to claim 5, wherein:
after the optimization ends, the MPU stores the growth program in a predetermined memory.

9. (Currently Amended) A hard disk drive comprising:
connection means adapted to be connected to an unfinished hard disk drive where servo information is not written to a disk;
storing means for storing a program by which the unfinished hard disk drive writes servo information to the at least one disk of the unfinished hard disk drive and by which the hard disk drive writes servo information to at least one disk of the hard disk drive; and
supplying means for supplying the unfinished hard disk drive with the program stored in the storing means.

10. (Original) A hard disk drive according to claim 9, further comprising:
receiving means for receiving a request command for the program from the unfinished hard disk drive;

wherein the supplying means supplies the program on the basis of the request command received by the receiving means.

11. (Original) A hard disk drive according to claim 9, wherein:

said program includes a function of executing optimization/inspection processing, and the hard disk drive further includes execution means for executing part of the optimization/inspection processing on the unfinished hard disk drive.

12. (Currently Amended) A hard-disk-drive optimization method, using a first hard disk drive where optimization processing has already been completed, for executing the optimization processing on a second hard disk drive where the optimization processing has not yet been completed, said method comprising the steps of:

completing an optimization processing of the first hard drive with information used for optimization;

supplying the information used for optimization, which is included in the first hard disk drive, from the first hard disk drive to the second hard disk drive; and controlling ~~allowing~~, according to the supplied information used for optimization, the second hard disk drive to execute ~~various kinds of~~ processes so as to mature into an optimized hard disk drive.

13. (Original) A hard-disk-drive optimization method according to claim 12, further comprising the steps of:

recognizing by the second hard disk drive itself that the optimization processing to be performed on the second hard disk drive has not yet been completed; and

issuing, according to the recognition, a command requesting the information used for optimization to the first hard disk drive.

14. (Canceled)

15. (Original) A hard-disk-drive optimization method according to claim 12, further comprising the step of:

after the second hard disk drive has completed the optimization processing, supplying the information used for optimization from the second hard disk drive to a third hard disk drive in which the optimization processing has not yet been completed.

16. (Currently Amended) A hard-disk-drive optimization method according to claim 12, wherein:

the information used for optimization, which is supplied from the first hard disk drive, includes a growth program by which the second hard disk drive executes various kinds of optimization processes.

17. (Currently Amended) A hard-disk-drive optimization method according to claim ~~15~~16, wherein:

the information used for optimization, which is supplied from the first hard disk drive, includes a test code possessed by the first hard disk drive.

18. (Original) A hard-disk-drive optimization method according to Claim 12, wherein:

the first hard disk drive executes part of the optimization processing to be executed by the second hard disk drive.

19. (Currently Amended) A hard-disk-drive manufacturing method for manufacturing a second hard disk drive by use of a first hard disk drive which has already been manufactured, said method comprising the steps of:

making a direct connection between the first hard disk drive and the second hard disk drive;

supplying information, by which the second hard disk drive writes servo information to a disk of the second hard disk itself, from the first hard disk drive to the second hard disk drive; and

according to the supplied information, writing the servo information to the disk by the second hard disk drive itself;

20. (Currently Amended) A hard-disk-drive manufacturing method according to claim ~~18~~19, further comprising the steps of:

supplying information, by which the second hard disk drive performs inspection on the second hard disk itself, from the first hard disk drive to the second hard disk drive; and
according to the supplied information, performing the inspection on the second hard disk drive by itself.

21. (Currently Amended) A computer readable medium encoded with program instructions for controlling ~~allowing a computer processor~~ built into a hard disk drive to implement the functions of:

recognizing that an optimization/inspection process to be performed on the hard disk drive has not yet been completed;

requesting, based on the recognition, another hard disk drive to supply a growth program that is required to perform the optimization/inspection process by the hard disk drive itself; and

receiving, based on the request, the growth program supplied from said another hard disk drive.

22. (Currently Amended) A computer readable medium ~~program~~ according to claim ~~20~~21, wherein:

the recognizing function recognizes that the optimization/inspection process to be performed on the hard disk device has not yet been completed, by checking whether or not information specific to the hard disk drive is stored, or by checking whether or not servo information is written to a disk of the hard disk device.

23. (Currently Amended) A computer readable medium encoded with program instructions for controlling ~~allowing a computer processor~~ built into a hard disk drive to implement the functions of:

receiving, at the hard disk drive from another hard disk drive in which a optimization/inspection process has ~~not yet been~~ only been partially completed, a request for a

growth program by which the another hard disk drive executes the optimization/inspection process by itself;

reading out the growth program stored in a memory of the hard disk drive; and
supplying the another hard disk drive with the ~~read~~ growth program read out.

24. (Currently Amended) A computer readable medium ~~program~~ according to claim ~~22~~23, further implementing the function of:

executing a part of the optimization/inspection process of the another hard disk drive.

25. (Currently Amended) A computer readable medium encoded with
program instructions for controlling ~~allowing a computer processor~~ built into a hard disk drive to implement the functions of:

writing servo information to a disk of the hard disk drive by use of information
exported from another hard disk drive; ~~and~~

executing an inspection process on the hard disk drive by use of the information
exported from the another hard disk drive; and

exporting information to a third hard disk drive for the third disk drive to execute
an inspection process.

26. (New) The hard disk drive according to claim 1, wherein the recognizing means checks one or more values stored in an EEROM of the hard disk drive to recognize that an optimization/inspection process to be performed on the hard disk device has not yet been completed.

27 (New) A computer readable medium according to claim 21, wherein the optimization/inspection process is such that it is required to be executed prior to writing any user data to magnetic disks of the hard disk drive.

28 (New) A hard disk drive according to claim 9, further comprising:
requesting means for sending a request command for the program from a finished
hard disk drive.